

ABILITYLAB RESEARCH SEMINAR SERIES

Summer Quarter 2019: on Mondays, July 1 – Sept 16, 12pm - 1pm Sky Lobby Auditorium A-B, 10th floor, Shirley Ryan AbilityLab

Wearable sensors: Opportunities for measuring post-stroke rehabilitation outcomes. Stephan Lange, PhD Associate Professor, Dept. of Medicine, UC San Diego, La Jolia, CA. Visiting Researcher, Institute of Medicine, University of Gothenburg, Gothenburg, Sweden. Emerging roles for Cullin3 in muscle biology and myopathy development. Fionn MacPartlin, MSc Senior Strength & Conditioning Coach – BOA Intensive Rehabilitation Unit. English Institute of Sport, The High Performance Centre, Bisham Abbey National Sports Centre, Bisham, UK. Manipulating lower limb muscle moment arms to optimize adaptation. Jul 22 No seminar (Science of Ability Symposium) Levi Hargrove, PhD Director, Center for Bionic Medicine (CBM), Director, Neural Engineering for Prosthetics and Ortholics Lab, Shirley Ryan AbilityLab, Associate Professor, Dept. Physical Medicine & Rehabilitation and Engineering, Northwestern University, Chicago, IL. Pattern Recognition Based Control of Bionic Arms and Legs. Mehdi M. Mirbagheri, PhD Associate Professor, Dept. Physical Medicine & Rehabilitation, Northwestern University, Chicago, IL. Neurorehabilitation of children with cerebral palsy: Predicting the recovery patterns of neurophysiological factors contributing to gait and balance impairments Martin Oudega, PhD Professor, Dept. Physically Medicine & Stategies for spinal cord repair. José Pons, PhD Scientific Chair, Legs + Walking Lab, Shirley Ryan AbilityLab, Chicago, IL. Technology-based neurorehabilitation and clinical assessment. Mark D'Esposito, MD Professor, Helen Wills Neuroscience Institute, University of Califomia, Berkeley, CA. The Modular Brain. Sep 2 No seminar (Labor Day) Monica Perez, PT, PhD Scientific Chair, Arms + Hands Lab, Shirley Ryan AbilityLab, Chicago, IL. Reorganization of the corticospinal tract after human spinal cord injury Joanna Butchart, MPHTY, MPH Stream Leader and Senior Previsioheraust. Victorian Paediatric Rehabilitation Service. Roval Children's Hospital		
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